

POWER MANAGEMENT FOR WIRELESS PERIPHERAL DEVICE WITH FORCE FEEDBACK

ABSTRACT OF THE DISCLOSURE

A wireless human interface device configured to establish a link with a host, wherein the device includes a transceiver for transmitting data to and receiving data from a host transceiver unit, wherein the host transceiver unit is connected with the host; a processor connected with the transceiver and configured to process data from the host and the human interface device, and a power circuit connected with the processor and configured to regulate the power usage of the human interface device, wherein the power circuit includes a battery, a computer readable media having instructions thereon, wherein the instructions include routines for monitoring the operational state of the human interface device, and routines for controlling the operation of the human interface device using the operational state of the human interface device to maximize the useful life of the batteries.

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